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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lines, James R. Atty. Docket: 86038.000090
Serial No.: 10/010,269 Examiner: McKinnon, Terrell L.
Filed: December 6, 2001 Art Unit: 3743
Title: HEAT EXCHANGER WITH INTEGRAL INTERNAL TEMPERATURE SENSOR

RESPONSE TO OFFICE ACTION MAILED DECEMBER 24, 2003

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AMENDMENT

In response to the Office Action mailed December 24, 2003, the claims have been carefully reviewed. The claims have been amended to address typographical errors not related to patentability.

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PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE3743
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FORM

(to be used for all correspondence after initial filing)

	Application Number	10/010,269	
	Filing Date	December 6, 2001	
	First Named Inventor	Lines, James R.	
	Art Unit	3743	
	Examiner Name	McKinnon, Terrell L.	
Total Number of Pages in This Submission		Attorney Docket Number	86038.000090

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
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<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communications to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavit/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
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<input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Brian B. Shaw, HARTER, SECREST & EMERY LLP
Signature	
Date	January 28, 2004

CERTIFICATE OF TRANSMISSION/MAILING

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Type or printed name	Carol Austin		
Signature		Date	January 28, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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